

# EUROPEAN PATENT OFFICE

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APPLICANT : MITSUI CONSTR CO LTD;

INVENTOR : KANO YOSHI;

INT.CL. : C04B 7/19 C04B 7/24 C04B 7/26 C04B 24/26

TITLE : ADMIXTURE FOR CONCRETE OR MORTAR AND KNEADED MATERIAL CONTAINING  
SAME

ABSTRACT : PURPOSE: To obtain an admixture for concrete or mortar inhibiting the bleeding of water  
especially from soft kneaded concrete or mortar.

CONSTITUTION: This admixture for concrete or mortar consists of 95-75wt.% of at least  
one kind of mineral fine powder of  $\leq 1\mu m$  average particle size selected from among  
silica fume, blast furnace slag, fly ash and calcium carbonate and 5-25wt.% resin having  
high water absorbing property.

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PA - (MITL ) MITSUI CONSTR CO LTD

- (ONOD ) ONODA CEMENT CO LTD

PN - JP4349155 A 19921203 DW199303 C04B7/19 004pp

- JP7121821B B2 19951225 DW199605 C04B7/02 004pp

PR - JP19910120824 19910527

XA - C1993-010079

XIC - C04B-007/02 ; C04B-007/19 ; C04B-007/24 ; C04B-007/26 ; C04B-024/26 ;

C04B-028/02

AB - J04349155 Admixture comprises 95-75 wt% mineral fine powder of at least one of silica fume having up to one micron of mean particle size, blast furnace slag, fly ash, and CaCO<sub>3</sub> and 5-25 wt% high-water absorbing resin.

- The kneaded matter comprises 1-5 wt % the admixture based on the amt. of cement.

- USE - For admixture for concrete or mortar, restricting generation of bleeding water in soft consistency concrete or mortar, and preventing sepn between cement paste and aggreg(Dwg.0/0)

IV - ADMIXED CONCRETE MORTAR COMPRIZE MINERAL FINE POWDER CONTAIN SILICA

BLAST FURNACE SLAG FLY ASH CALCIUM CARBONATE HIGH WATER ABSORB RESIN

IKW - ADMIXED CONCRETE MORTAR COMPRIZE MINERAL FINE POWDER CONTAIN SILICA

BLAST FURNACE SLAG FLY ASH CALCIUM CARBONATE HIGH WATER ABSORB RESIN

NC - 001

OPD - 1991-05-27

ORD - 1992-12-03

PAW - (MITL ) MITSUI CONSTR CO LTD

- (ONOD ) ONODA CEMENT CO LTD

TI - Admixture for concrete or mortar - comprises mineral fine powder

contg. silica, blast furnace slag, fly ash, calcium carbonate and high water absorbing resin